

# Zhengping Ding

## List of Publications by Year in descending order

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14  
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#	ARTICLE	IF	CITATIONS
1	Sub-2 nm Ultrasmall High-Entropy Alloy Nanoparticles for Extremely Superior Electrocatalytic Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , 2021, 143, 17117-17127.	13.7	202
2	A three-dimensional interconnected $V_6O_{13}$ nest with a $V^{5+}$ -rich state for ultrahigh Zn ion storage. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10370-10376.	10.3	77
3	Achieving electronic structure reconfiguration in metallic carbides for robust electrochemical water splitting. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2453-2462.	10.3	71
4	Upgrading Electrode/Electrolyte Interphases via Polyamide-Based Quasi-Solid Electrolyte for Long-Life Nickel-Rich Lithium Metal Batteries. <i>ACS Energy Letters</i> , 0, , 1280-1289.	17.4	49
5	Reaction Mechanism and Structural Evolution of Fluorographite Cathodes in Solid-State K/Na/Li Batteries. <i>Advanced Materials</i> , 2021, 33, e2006118.	21.0	44
6	Single-Crystal $\text{Fe}_2\text{O}_3$ with Engineered Exposed (001) Facet for High-Rate, Long-Cycle-Life Lithium-Ion Battery Anode. <i>Inorganic Chemistry</i> , 2019, 58, 12724-12732.	4.0	34
7	Unraveling Atomically Irreversible Cation Migration in Sodium Layered Oxide Cathodes. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5464-5470.	4.6	22
8	Zone-Folded Longitudinal Acoustic Phonons Driving Self-Trapped State Emission in Colloidal CdSe Nanoplatelet Superlattices. <i>Nano Letters</i> , 2021, 21, 4137-4144.	9.1	22
9	Large-Scale Vertical $1T\text{-MoTe}_2$ Nanosheet-Based Heterostructures for Low Contact Resistance Transistors. <i>ACS Applied Nano Materials</i> , 2020, 3, 10411-10417.	5.0	19
10	Tetragonal hematite single crystals as anode materials for high performance lithium ion batteries. <i>Journal of Power Sources</i> , 2015, 286, 124-129.	7.8	18
11	Insight into the Structural Disorder in Honeycomb-Ordered Sodium-Layered Oxide Cathodes. <i>IScience</i> , 2020, 23, 100898.	4.1	13
12	Green CdSe/CdSeS Core/Alloyed-Crown Nanoplatelets Achieve Unity Photoluminescence Quantum Yield over a Broad Emission Range. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	11
13	Unraveling atomic-scale lithiation mechanisms in a NiO thin film electrode. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25198-25207.	10.3	7
14	Metal-Based Nanocatalysts: Metal-Based Nanocatalysts via a Universal Design on Cellular Structure ( <i>Adv. Sci.</i> 3/2020). <i>Advanced Science</i> , 2020, 7, 2070013.	11.2	2